

A METHOD AND APPARATUS FOR AUTOMATIC GAIN CONTROL ON A TIME SLOT BY TIME SLOT BASIS

ABSTRACT

A method (150) of automatic gain control on a time slot by time slot basis in
5 a base transceiver station (115) includes the steps of measuring (152) and storing
(158) an amplitude of a signal on a given time slot for a predetermined number of
prior time frames. Then, an appropriate gain adjustment factor for the given time
slot is determined (166) and applied (168) to a received signal in a current time slot
of the given time slot. Such application of the gain adjustment factor is applied on
10 a time slot by time slot basis.